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|-----|--|-------|---|
| 255 | FISHING VESSEL | 341 | .Hulls with transverse reinforcement |
| 256 | FLOATING OR SEMI-SUBMERSIBLE STORAGE VESSEL | 342 | .Hull within a hull |
| 257 | SUBMERGED STORAGE VESSEL | 18 | TORPEDO BOATS |
| 1 | WARSHIPS | 19 | .Spar |
| 2 | .Rams | 20.1 | TORPEDOES |
| 3 | ..Battering | 20.2 | .With power plants |
| 4 | ..Floating batteries | 20.3 | .With net cutting |
| 5 | .Turret | 21.1 | .With external control |
| 6 | ..Combined elevating and rotary | 21.2 | ..With remote control |
| 7 | ..Elevating | 21.3 | .With homing means |
| 8 | ..Rotary | 22 | .Separable sections |
| 9 | .Armored | 23 | .Steering mechanism |
| 10 | ..Deflectors | 24 | ..Gyroscope |
| 11 | ..Belting and plating | 25 | .Depth regulation |
| 12 | ...Compound | 26 | SCOWS |
| 13 | ...Buffers | 27 | .Dumping and unloading |
| 14 | ..Screens and shields | 28 | ..Sectional |
| 15 | .Concealment | 29 | ...Hinged |
| 312 | SUBMERSIBLE DEVICE | 30 | ...Separable |
| 313 | .With disparate vehicle feature | 31 | ..Platform |
| 314 | .Underwater habitat | 32 | ...Tilting |
| 315 | .Diver assistance device | 33 | ...Carriers |
| 316 | .With weapon or weapon system | 34 | ...Conveyors |
| 317 | ..Having ballast compensating means | 35 | ...Side doors |
| 318 | ..Power assisted deployment | 36 | ..Bottom doors |
| 319 | ...Pneumatic or hydraulic dispatch | 37 | ...Flooding gates |
| 320 | ..Having specific hatch structure | 38 | ..Turnover |
| 321 | .Having storage hold | 39.11 | METHOD OF SAILING SAILPOWERED WATERCRAFT |
| 322 | .Detachably connected to a main vessel | 39.12 | SAILBOARD AND RIG MEANS THEREFOR |
| 323 | ..Emergency escape means | 39.13 | .With rig means providing vertical lift |
| 324 | ...Chamber completely enclosed in the hull | 39.14 | .Having specific board shape or construction |
| 325 | ...Chamber nested in the hull | 39.15 | .With hydrofoil (e.g., keel, skeg, rudder, etc.) |
| 326 | .Having buoy | 39.16 | APPARATUS HELD BY OR ATTACHED TO RIDER TO CONTROL SAILBOARD OR SAILBOARD RIG |
| 327 | ..And snorkel | 39.17 | .Rig righting device |
| 328 | ..With communication means | 39.18 | .Harness means |
| 329 | ..With indicator | 39.19 | .Foot strap means |
| 330 | .Having attitude control | 39.21 | WATERCRAFT WITH MEANS USED IN PROVIDING SAILPOWER |
| 331 | ..Depth control | 39.22 | .With means used for converting from nonsailing watercraft |
| 332 | ...Diving plane | 39.23 | .With means for uprighting capsized watercraft |
| 333 | ...Water ballast | 39.24 | .With hydrofoil for providing vertical lift to hull |
| 334 | .Having air supply | 39.25 | .Having specifically defined hull shape |
| 335 | .Having air locks | | |
| 336 | .Emergency equipment | | |
| 337 | .Having propulsion unit | | |
| 338 | ..Propeller | | |
| 339 | .Superstructure | | |
| 340 | ..With periscope | | |

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| 39.26 | .Multiple hulls | 55.57 | .Having rider straddling seat |
| 39.27 | ..With connecting means as three-dimensional frame with vertically spaced apex e.g., tetrahedral frame, etc. | 55.58 | .Rider is prone or supine |
| | | 271 | HULL OR HULL ADJUNCT EMPLOYING FLUID DYNAMIC FORCES TO DERIVE A LIFT OR ALTER TRIM, E.G., PLANING HULLS |
| 39.28 | ..With connecting means permitting relative movement between hulls | 272 | .Having airfoil |
| | | 273 | ..Movably mounted |
| 39.29 | .With specific means acted upon by wind to provide sailpower frame, etc.) | 274 | .Having hydrofoil |
| | | 275 | ..With control means responsive to sensed condition |
| 39.3 | ..Reaction rotor-type (e.g., Magnus effect) | 276 | ...Having feeler means |
| | | 277 | ...Having liquid pressure sensor |
| 39.31 | ..Having spaced sail surfaces defining airfoil | 278 | ..Ported strut or foil |
| | | 279 | ..With shock damping means |
| 39.32 | .Having specific mast mounting means | 280 | ..Having means to tilt or reposition foil or foil adjunct |
| 40 | ICE BREAKERS | | ...Steerable foil |
| 41 | .Rams | 281 | ...Having means to move foil to a retracted nonuse position |
| 42 | .Cutters | 282 | .Having laterally disposed skids or pontoons |
| 43 | ICE BOATS | | .Movably mounted hull portion or hull adjunct |
| 258 | MOTHER SHIP, FLOATING LANDING PLATFORM, AND HARBOR | 283 | ..Trim tab or hull plate |
| | | | ...With fluid motor |
| 259 | .Vessel carrier | 284 | ...Expanding bladder |
| 260 | ..Barge transport | 285 | .Having fluid channeling or entrapping configuration |
| 261 | .Aircraft | 286 | ..With fluid introducing means |
| 262 | ..Seaplane | 287 | ..Plural channels |
| 263 | .Floating boat dock | 288 | .Stepped hull |
| 44 | VESSEL RAISING AND DOCKING | 289 | .Pontoon structure |
| 45 | .Floating dry docks | 290 | DISPLACEMENT-TYPE HULL (E.G., SPECIFIC AFTBODY) |
| 46 | ..Sectional | 291 | .Screw propeller type |
| 47 | ..End gates | 292 | .Paddle wheelers |
| 48 | ..Elevators | 56.1 | .Spindle |
| 49 | .Camels, caissons, and pontoons | 57 | .Canal and ferry boats |
| 50 | .Submerged | 58 | .Multiple hulls |
| 51 | ..Hoisting | 59 | ..With capsizing prevention or uprighting means |
| 52 | ..Air tanks | 60 | ..Including a submerged hull (e.g., semisubmerged watercraft) |
| 53 | ...Camels, caissons, and pontoons | 61.1 | ...Vertically spaced from another submerged or semisubmerged hull |
| 54 | ...Inflatable bags | 61.11 | ...Having plural spaced struts connecting each submerged hull and platform |
| 55 | ..Sand and mud loosening | 61.12 | |
| 55.5 | MOTORIZED SELF-PROPELLED WATERSKI OR WATERSCOOTER-TYPE VEHICLE (E.G., PERSONAL WATERCRAFT) | 61.13 | |
| 55.51 | .Having hull compartment drain or vent | 61.14 | |
| 55.52 | .Having pivoted steering and towing mast for rider | | |
| 55.53 | .Having releasable hull compartment cover | | |
| 55.54 | .With ski, pontoon, or hydrofoil providing vertical lift | | |
| 55.55 | ..And rider straddles seat | | |
| 55.56 | .Having standing rider | | |

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| 61.15 | ..With connecting means permitting relative movement between hulls | 357 | ..Plastic |
| | | 358 | ..Wood |
| 61.16 | ...Connecting means is pivotable arm | 359 | ..Former and framer |
| | | 360 | .With means to prevent capsizing or sinking |
| 61.17 |Arm pivots about a vertical axis | 361 | .Protective cover or shield |
| | | 362 | .Boarding aids |
| 61.18 | ...Connecting means permits transverse linear horizontal movement of hulls toward each other | 363 | .Seat and foot support |
| | | 364 | .Deck or gunwale attachment |
| 61.19 | ..Hull pivots about a vertical axis | 65 R | BUILDING |
| 61.2 | ..Having a specifically defined hull shape | 66 | .Observation boats |
| 61.21 | ...Having lower hull portion asymmetrical with respect to a central vertical plane through that particular hull | 67 R | .Antifriction surfaces |
| | | 67 A | ..Air and oil films |
| 61.22 | ..Having plural crossbeams supporting rigid deck means | 68 | .Insubmergible vessels |
| 61.23 | ..Trampoline-type deck means | 69 | ..Linings and fillings |
| 61.24 | ..Having seat | 70 | .Canal and ferry boats |
| 61.25 | ..Inflatable-type hull | 71 | .Cabins |
| 61.26 | ..Having specific dimensional or speed ratio (e.g., Froude number) | 72 | .Freighters |
| | | 73 | ..Bulk cargo |
| 61.27 | ..Having specific forebody | 74 R | ...Liquid |
| 61.28 | ..Including bulb | 74 T |Floating tank |
| 61.29 | ..And specific aftbody | 74 A |Double hull or insulated tank |
| 61.3 | ...And specific midbody (e.g., waist) | 75 | ...Antishifting devices |
| | | 76 | ...Ceilings and floors |
| 61.31 | ..Having specific midbody (e.g., waist) | 77 R | .Sectional |
| | | 77 A | ..Horizontal sections |
| 61.32 | ..Having specific bottom | 78 | .Bulkhead and compartment |
| 61.33 | ..V-shaped bottom | 79 R | .Iron |
| 62 | ..Concave bottom | 80 | ..Corrugated |
| 63 | ..Flat bottom | 81 | ..Tubular |
| 343 | BOATS, BOAT COMPONENT OR ATTACHMENT | 79 W | ..Welded joint |
| | | 82 | .Wood |
| 344 | ..With wheeled buoyant landing or launching aid | 83 | .Bracing and staying |
| | | 84 | .Sheathing and planking |
| 345 | ..Inflatable | 85 | .Decks |
| 346 | ..Circular | 86 | .Calking and seaming |
| 347 | ..Canoe or kayak | 87 | .Knees |
| 348 | ..Lifeboat | 88 | .Joints |
| 349 | ..Enclosed | 65 A | .Concrete ships |
| 350 | ...With self-leveling passenger compartment | 89 | SPARS |
| | | 90 | .Masts and masting |
| 351 | ..Hunting | 91 | ..Swinging |
| 352 | ..Sectional | 92 | ..Cross and trestle trees |
| 353 | ..With folding | 93 | ..Coats, shields, and steps |
| 354 | ..Collapsible | 94 | ..Heads and irons |
| 355 | ..Hull construction | 95 | .Yards |
| | | 96 | ..Trusses and parrels |
| 356 | ..Metal | 97 | .Gaffs, booms, etc. |
| | | 98 | ..Pivoted |
| | | 99 | ..Crotches and supports |
| | | 100 | .Spar irons |
| | | 101 | .Fair leaders and chocks |
| | | 102.1 | SAIL OR CONTROL MEANS THEREFOR |

| | | | |
|--------|--|--------|----------------------------------|
| 102.11 | .Sail assembly freely held by rider | 122 | .Antirolling |
| 102.12 | .Having means to tension or stretch sail | 123 | .Floats |
| 102.13 | .Having airflow control device for sail | 124 | .Shifting weights |
| 102.14 | ..Fairing | 125 | .Water tanks |
| 102.15 | .Having means to stow, load, or unload sail | 126 | .Fins and boards |
| 102.16 | .Including means to orient sail | 127 | CENTERBOARDS |
| 102.17 | ..Having gearing | 128 | .Steering |
| 102.18 | ..Having rope or line (e.g., sheet) | 129 | .Multiple |
| 102.19 | ...And traveler | 130 | .Vertical drop and pivoted swing |
| 102.2 | ...And winch (e.g., capstan, driven pulley, windlass, etc.) | 131 | ..Sectional |
| 102.21 | ...And sheave or pulley | 132 | .Pivoted |
| 102.22 | .Having means to vary shape of sail (e.g., camber) | 133 | ..Sectional |
| 102.23 | ..Inflatable type | 134 | ...Fan |
| 102.24 | ..Batten | 135 | ..Lateral |
| 102.25 | ...Having separate adjustment means for batten | 136 | ..Lateral swing |
| 102.26 |For plural battens in a horizontal plane | 137 | ..Lateral tilt |
| 102.27 | ...Having specific construction | 138 | .Vertical drop |
| 102.28 | .Spinnaker pole | 139 | ..Sectional |
| 102.29 | .Specific sail structure or arrangement | 140 | KEELS |
| 102.3 | ..Spinnaker | 141 | .Vertical adjustment |
| 102.31 | ..Of laminate or composite construction | 142 | .Bilge |
| 102.32 | ..Constructed from a plurality of connected panels moveable relative to each other | 143 | .Rocking |
| 102.33 | ..Constructed from a plurality of edge connected panels | 144 R | STEERING MECHANISM |
| 104 | .Reefing and furling | 145 R | .Speed retarders |
| 105 | ..Fore-and-aft sails | 145 A | ..Trolling plates |
| 106 | ...Rolling | 146 | .Auxiliary |
| 107 | ..Rolling | 147 | .Paddles and wheels |
| 108 | .Fastening device for sail | 148 | ..Channels |
| 109 | .Rigging screws and stretchers | 149 | .Keel |
| 111 | .Running rigging | 150 | .Fluid pressure |
| 112 | .Mast travelers | 151 | ..Jet |
| 113 | .Hoops and connections | 152 | .Fins |
| 114 | .Cringles and hanks | 153 | .Foot |
| 115 | .Clews | 154 | .Wheel-shaft gearing |
| 116 | BULKHEADS AND DOORS | 155 | ..Screw |
| 117 | .Doors | 156 | ...Intermediate gear |
| 118 | ..Automatic | 157 | ...Right and left |
| 119 | ...Sliding | 158 |Intermediate gear |
| 120 | ..Sliding | 159 | ..Segmental rack |
| 121 | BALLASTING | 160 | .Wheel and drum |
| | | 161 | ..Intermediate gear |
| | | 162 | .Rudders |
| | | 163 | ..Multiple |
| | | 164 | ..Auxiliary |
| | | 165 | ..Hanging and shipping |
| | | 166 | ..Tubular |
| | | 167 | ..Sectional |
| | | 168 | ..Jury |
| | | 169 | ..Post bearings and heads |
| | | 170 | ..Brakes |
| | | 171 | ...Hydraulic |
| | | 172 | ..Locks |
| | | 144 RE | .Electrical |

| | | | |
|-------|--|-------|--|
| 144 A | .Remote control steering excluding manual operation | 195 | ..Tables |
| 144 B | .Dynamic anchor | 197 | VALVES |
| 144 C | .Wind vane-operated | 198 | .Boat plugs |
| 144 E | ..Electric | 199 | .Sea cocks |
| 365 | LIFE CRAFT HANDLING DEVICE, APPARATUS, OR IMPLEMENT | 200 | CABLE STOPPERS |
| 366 | .Moving from storage position to launching position | 201 R | .Chain |
| 367 | .Means for automatic launch upon sinking of ship | 202 | HATCHES AND COVERS |
| 368 | .Davit | 203 | .Sliding |
| 369 | ..Movably mounted | 201 A | .With fasteners |
| 370 | ...Compound movement | 204 | .Inflatable gaskets |
| 371 | ...Relative arcuate movement | 205 | TRAVELERS |
| 372 | ...Translating and tilting | 293 | .Tension relievers |
| 373 | ...Pivoting | 294 | ANCHORING ARRANGEMENT |
| 374 | ...Vertical axis | 295 | ANCHOR |
| 375 | .Chute or track | 296 | .With means driving the anchor into the sea bed |
| 376 | .Protector for lifecraft during launching | 297 | .Suction type |
| 377 | .Connector between boat and lowering tackle | 298 | .With dislodgement means |
| 378 | ..Releasing mechanism | 299 | ..Collapsible fluke |
| 379 | ...Automatic | 300 | ..By movable line connection |
| 380 | ...Simultaneously releasing bow and stern | 301 | .Dished or mushroom type |
| 264 | FLOATING PLATFORM | 302 | .Fluke type |
| 265 | .Multiple leg | 303 | ..Having stowable stock |
| 266 | .Float assembly | 304 | ..Having assembly or disassembly feature or replaceable or adjustable abutment |
| 267 | FLOAT STRUCTURE | 305 | ..Pivoted fluke |
| 173 | PORTS | 306 | ...Extensible |
| 174 | .Stoppers | 307 | ...Fork or aperture confining fluke |
| 175 | ..Gun port | 308 | ...Plural independently pivoted |
| 176 | ..Hinged | 309 | ...Knobbed shank |
| 177 | .Light and air | 310 | ...Stock mounted on or juxtaposed to fluke |
| 178 | ..Hinged covers | 311 | ...With tripper |
| 179 | HAWSE PIPES | 210 | .Sea anchor |
| 180 | .Stoppers and covers | 211 | ANCHOR TRIPPERS |
| 181 | .Friction rollers | 212 | VENTILATION |
| 182 | SCUPPERS | 213 | .Valves |
| 183 R | BILGE DISCHARGE | 214 | TENSION RELIEVERS |
| 184 | .Ejectors | 215 | .Fluid |
| 185 | ..Ships motion | 216 | .Cable |
| 186 | ..Ash | 217 | .Couplers |
| 183 A | .Wave motion | 218 | ..Safety release |
| 187 | SMOKESTACKS | 219 | BITTS, CLEATS, AND PIN RAILS |
| 188 | FURNITURE | 220 | FENDERS |
| 189 | .Cabins and staterooms | 381 | .Roller |
| 190 | .Life-preserver racks | 221 R | CHOCK OR LASHING |
| 191 | .Self-leveling | 222 | IMPLEMENTS |
| 192 | ..Berths | 223 | .Hull cleaning |
| 193 | ...Single pivot | 224 | .Riggings |
| 194 | ..Chairs | 224 | .Calking, paying, etc. |
| | | 221 A | .Underwater cutting |
| | | 227 | LEAK STOPPERS |

228 .Interior
 229 .Aprons, mats, etc.
 230.1 **MOORING DEVICE**
 231 .Ferry slip
 230.11 .Whip or whip base
 230.12 .Having ship-mounted turret
 230.13 .Including tower or riser
 connected to sea floor (e.g.,
 column, mast)
 230.14 ..Having boom means
 230.15 .Boom type
 230.16 ..Vertically slidable
 230.17 ..Of extensible length
 230.18 ...Biased to particular length or
 position
 230.19 ..Biased to particular position
 230.2 .Line type (e.g., rope, chain,
 hawser, cable)
 230.21 ..With detecting position of ship
 or tension in line
 230.22 ..Having means to tension line
 for movement of ship in
 opposite directions
 230.23 ..And line winding means
 230.24 ..And line biasing means
 230.25 ..With manipulating or
 positioning means for aiding
 attachment of the line
 230.26 ..With specific means for
 attaching line
 230.27 ...Compensates for water level
 change
 230.28 ...Including socket receiving
 elongated projection
 230.29 ...Including enlargement fixed or
 attached to line for
 releasable engagement in slot
 230.3 ...Including pivoted hook-type
 member
 232 **OIL DISTRIBUTERS**
 233 .Ship structure
 234 .Drags and floats
 242 **TOWING OR PUSHING**
 243 .Cable fairing
 244 .Submerged object
 245 ..Having depth-control means
 246 .Steering
 247 .Having means responsive to
 excess strain
 248 .Nested vessels
 249 .Coupling means
 250 ..Boom type
 251 ..Flexible lashing
 252 ..Having trip mechanism
 253 .Towing by means of cable

254 ..With cable storage means, e.g.,
 reels
 268 **WITH HOIST OR DECK ENGINE**
 269 **MACHINERY ARRANGEMENT**
 238 **TORPEDO LAUNCHING**
 239 .Outboard
 240 R **TORPEDO GUARDS**
 241 .Nets
 240 A .Underwater
 240 B .Pivotally attached
 240 C .Boat net
 240 D .Ship guard
 240 E .Barrier nets
 382 **MISCELLANEOUS**

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